

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: **John R. Hurst et al.**

Serial No.: **Not yet assigned**

Group Art Unit: **1631**

Filed: **Concurrently herewith**

Examiner: **Marianne P. Allen**

Title: **SYSTEM AND METHOD FOR DATABASE SIMILARITY JOIN**

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DATE OF DEPOSIT: January 20, 2004

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the attached PTO/SB/08A, PTO-1449 and PTO-892 forms submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

Copies of the references cited on the attached PTO/SB/08a and PTO/SB/08b forms can be found in the parent case, U.S. Serial No. 09/301,811, filed April 28, 1999.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Michael A. Patané

Regis. No. 42,982

Enclosures:

PTO/SB/08a (1 sheet)

PTO/SB/08b (1 sheet)

Dated: January 20, 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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Application Number	not yet assigned
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Filing Date	concurrently herewith
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First Named Inventor	John R. Hurst et al.
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Art Unit	1631
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Examiner Name	Marianne P. Allen
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Attorney Docket Number	AREN10.US2.CON
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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Sheet 2

of 2

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First Named Inventor	John R. Hurst et al.
Group Art Unit	1631
Examiner Name	Marianne P. Allen
Attorney Docket Number	AREN10.US2.CON

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kearsley et al., "Chemical Similarity Using Physicochemical Property Descriptors", J. Chem. Inf. Computer Sci. (1996) 36:118-127	
		Alexandrov et al., "Analysis of Topological and Nontopological Structural Similarities in the PDB; New Examples With Old Structures", Proteins Structure Function and Genetics (1996) 25:354-365	
		Wilson, E.K., "Computers Customize Combinatorial Libraries", Chem. Eng. News (April 27, 1998) pp. 31-37	
		Downs et al., "Evaluation of Similarity Searching Methods Using Activity and Toxicity Data", Chemical Structures 2, pp. 409-421 (1993)	
		Grethe et al., "Similarity Searching in the Development of New Bioactive Compounds, an Application", Chemical Structures 2, pp. 399-407 (1993)	
		Holliday et al., "A Fast Algorithm for the Selection of Sets of Dissimilar Structures from Large Chemical Databases", Krebs Institute for Biomedical Research and Department of Information Studies, University of Sheffield	
		Matter et al., "compound Libraries for Lead Discovery", Chemistry Today, pp. 9-15 (1996)	
		Patterson et al., "Neighborhood Behavior: A Useful Concept for Validation of 'Molecular Diversity' Descriptors", American Chemical Society, 39:3049-3059 (1996)	
		Winkler et al., "Holographic QSAR of Benzodiazepines", CSIRO Division of Molecular Science, Monash University, Department of Chemistry	

Examiner Signature		Date Considered	
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